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KUNZLER & AS 8 EAST BROADV SALT LAKE CITY	VAY Y, UT 84111	6	P E 2004	LICE OF	I hereby certify that the States Postal Service vaddressed to the Mai	tificate of Mailing or Transis Fee(s) Transmittal is being with sufficient postage for find Stop ISSUE FEE address TO (703) 746-4000, on the contract of the c	g deposited with the Un st class mail in an envel above, or being facsim
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APPLICATION NO.	FILING DATE		FIRST NAMED	INVEN	NTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/625,380	07/23/2003		Mark J. H	lagman	n	1053.2.2	5193
TITLE OF INVENTION: A	PPARATUS, METHOD, AN	ND SYSTEM FOR	R A LASER-A	SSISTI	ED FIELD EMISSION	MICROWAVE SIGNAL GI	ENERATOR
APPLN, TYPE	SMALL ENTITY	ISSUE F	EE	PU	UBLICATION FEE	TOTAL FEE(S) DUE	DATÉ DUE
nonprovisional	·			\$300		\$965 I	12/15/2004
	ID HUNG	ART UN 2828					
1. Change of correspondence CFR 1.363). Change of correspond Address form PTO/SB/1 "Fee Address" indica	e address or indication of "Fo	ee Address" (37 Correspondence	2. For print (1) the nan or agents O (2) the nam registered a 2 registered	nes of the DR, alterness of a attorney dispatent	the patent front page, lisup to 3 registered paten	member a 2	r& Associates
PLEASE NOTE: Unless recordation as set forth in (A) NAME OF ASSIGN		elow, no assignee of this form is NO	data will appe T a substitute f B) RESIDENCE	ear on to for filin E: (CIT	the patent. If an assign g an assignment. Y and STATE OR COU	JNTRY)	_
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<u> </u>	enclosed: small entity discount permitte f Copies	ed)	Payment to The Direct	n the ar	mount of the fee(s) is en it card. Form PTO-2038 hereby authorized by clamber	is attached. harge the required fee(s), or	credit any overpayment copy of this form).
	(from status indicated above MALL ENTITY status. See	•	b. Applica	ant is no	o longer claiming SMA	LL ENTITY status. See 37 C	FR 1.27(g)(2).
The Director of the USPTO NOTE: The Issue Fee and Pinterest as shown by the received	is requested to apply the Issu Jublication Fee (if required) words of the United States Pate	te Fee and Publicate vill not be accepted and Trademark					
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Typed or printed name _		Kunzle	J		Registration		7
This collection of information an application. Confidential	on is required by 37 CFR 1.3 ity is governed by 35 U.S.C.	11. The informatio 122 and 37 CFR	on is required to 1.14. This coll	o obtain	n or retain a benefit by t is estimated to take 12 i	he public which is to file (an ninutes to complete, including	d by the USPTO to proc ng gathering, preparing.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to proc an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to comp this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 14 Alexandria, Virginia 22313-1450.

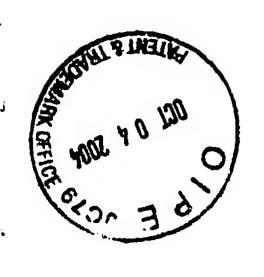
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E JC78		Complete If Known					
RET TRANSMITTAL		Application Number	10/625,380				
- MEE IRANSIVII I AL	IIIAL	Filing Date	July 23, 2003				
O ON E		First Named Inventor	Mark J. Hagmann				
ote: Effective October 1, 2001.	Group Art Unit	2828					
ATEN Parent fees are subject to annual revision.		Examiner Name	David Hung Vu				
TOTAL AMOUNT OF PAYMENT	\$ 968	Attorney Docket Number	1053.2.2				

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)					
The Commissioner is hereby authorized to charge	3. ADDITIONAL FEES					
indicated fees and credit any over payments to:	Large	Large Entity Small Entity				
Deposit Account Number:	Fee		Fee		Fee Description	Fee Paid
	Code	Fee (\$)	Code	Fee (\$)		
Deposit Account Name:	1051	130	2051	65	Surcharge - late filing fee or oath	
Charge Any Additional Charge the Issue Fee Fee Required Under In 37 CFR at the Mailing	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
37 CFR 1.16 and 1.17 of the Notice of Allowance		130	1053	130	Non-English specification	
	1812	2520	1812	2520	For filing a request for reexamination	
2. X Payment Enclosed:	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
X Check	1805	1840*	1805	1840*	Requesting publication of SIR after Examiner action	
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month	
1. FILING FEE	1252	420	2252	210	Extension for reply within second month	
	1253	950	2253	475	Extension for reply within third month	
Large Entity Small Entity	1254	1480	2254	740	Extension for reply within fourth month	
Fee Fee Fee Fee Description Fee Paid	1255	2010	2255	1005	Extension for reply within fifth month	
Code (\$) Code (\$)	1401	330	2401	165	Notice of Appeal	
1001 770 2001 385 Utility filing fee	1402	330	2402	165	Filing a brief in support of an appeal	
1002 340 2002 170 Design filing fee	1403	290	2403	145	Request for oral hearing	
1003 530 2003 265 Plant filing fee	1451	1510	1451	1510	Petition to institute a public use proceeding	
1004 770 2004 385 Reissue filing fee	1452	110	2452	55	Petition to revive - intentional	
1005 160 2005 80 Provisional filing fee	1453	1330	2453	665	Petition to revive - unintentional	
SUBTOTAL (1) \$0		1330	2501	665	Utility issue fee	665
2. CLAIMS Fee from		480	2502	240	Design issue fee	
Extra below Fee Paid	1503	640	2503	320	Plant issue fee	
Total Claims	1460	130	1460	130	Petitions to the Commissioner	
Ind. Claims - 3 = x 86 =	1807	50	1807	50	Petitions related to provisional applications	
Multiple Dep. Claims 0 x 290 = 0	1806	180	1806	180	Submission of Information Disclosure Stmt	
Large Entity Small Entity	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	:
Fee Fee Fee Fee Description Code (\$) Code (\$)	1809	770	770 2809 385 Filing a submission after final rejection (37 CFR 1.129(a))			
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3	1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1203 290 2203 145 Multiple dependent claim	Other fee (specify)Fee Code: 8001 Fee: 3.00 each Printed Copy of Patent w/o color, regular service delivery by USPS, UPSTO Box, or electronic means.				3	
	Other fee	(specify)	Publica	ation Fee_		300
SUBTOTAL (2) \$ 0	*Reduced	d by Basic	Filing Fe	e	SUBTOTAL (3) \$9	968

SUBMITTED BY			Complete (if applicable)		
Typed or Printed Name	Brian C. Kunzler			Reg. Number	38,527
Signature	Bac 100	Date	Sep 29, 2004	Deposit Account User ID	

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S):

MARK J. HAGMANN

SERIAL NO.:

10/625,380

FILING DATE:

JULY 23, 2003

TITLE:

APPARATUS, METHOD, AND SYSTEM FOR A LASER-ASSISTED FIELD

EMISSION MICROWAVE SIGNAL GENERATOR

EXAMINER:

DAVID HUNG VU

GROUP ART UNIT:

2828

ATTY. DKT. No.:

1053.2.2

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TRANSMITTAL OF THE PAYMENT OF ISSUE FEE

Sir:

The enclosed Payment of the Issue Fee Due is submitted herewith pursuant to 37 C.F.R. § 1.67 and M.P.E.P. § 603.01 for filing in the matter of the United States patent application as hereinabove identified. A duplicate copy of this sheet is enclosed.

Please address all future correspondence in connection with the above-identified patent application to the attention of the undersigned.

Commissioner of Patents September 29, 2004 Page 2

> Respectfully Submitted, Brian C. Kunzler

Brian C. Kunzler Reg. No. 38,527

Attorney for Applicant

Date: September 29, 2004

Brian C. Kunzler 8 East Broadway, Suite 600 Salt Lake City, Utah 84111 Telephone: 801/994-4646



I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to:

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Respectfully submitted,

Transmitted: Transmittal of Payment of Issue Fee.